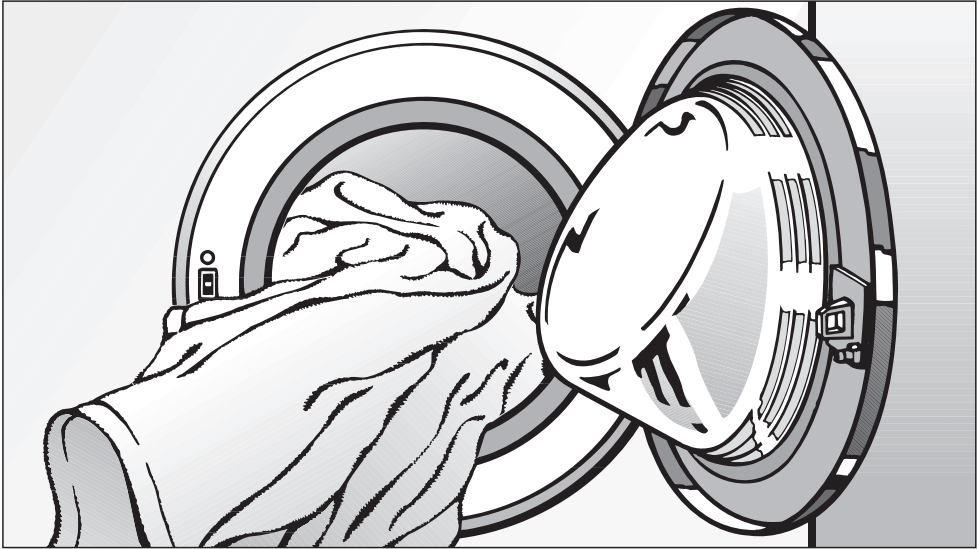


# Miele

HONEYCOMB CARE



## Operating instructions for Washing machine W 2652 WPS

To avoid the risk of accidents or damage to the machine it is **essential** to read these instructions before it is installed and used for the first time.



M.-Nr. 06 068 880

# Caring for our environment

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## Disposal of the packing material

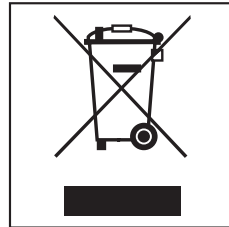
The transport and protective packing has been selected from materials which are environmentally friendly for disposal and can normally be recycled.

Ensure that any plastic wrappings, bags etc. are disposed of safely and kept out of the reach of babies and young children. Danger of suffocation!

Rather than just throwing these materials away, please ensure they are offered for recycling.

## Disposal of your old appliance or machine

Electrical and electronic appliances / machines often contain materials which, if handled or disposed of incorrectly, could be potentially hazardous to human health and to the environment. They are, however, essential for the correct functioning of your appliance or machine. Please do not therefore dispose of your old machine or appliance with your household waste.



Please dispose of it at your local community waste collection / recycling centre and ensure that it presents no danger to children while being stored for disposal.



It should be unplugged or disconnected from the mains electricity supply by a competent person. The plug must be rendered useless and the cable cut off directly behind it to prevent misuse. See the "Warning and Safety" section of this booklet for further details.

<b>Caring for our environment</b> . . . . .	2
Disposal of the packing material . . . . .	2
Disposal of your old appliance or machine . . . . .	2
<b>Warning and safety instructions</b> . . . . .	6
<b>Description of the machine</b> . . . . .	9
Control panel . . . . .	9
Display . . . . .	10
<b>Before using for the first time</b> . . . . .	11
Reminder to remove transport struts . . . . .	11
Setting the time of day . . . . .	11
<b>Washing environmentally and economically</b> . . . . .	13
Energy and water consumption . . . . .	13
Detergent . . . . .	13
Choosing the correct Extra options (Soak, Pre-wash, Intensive) . . . . .	13
When drying with a tumble dryer . . . . .	13
<b>How to wash correctly</b> . . . . .	14
Brief instructions . . . . .	14
<b>Extras</b> . . . . .	19
Pre-wash . . . . .	19
Soak . . . . .	19
Intensive . . . . .	19
Water plus . . . . .	19
<b>Spinning</b> . . . . .	20
Final spin speed . . . . .	20
Rinse and interim spin . . . . .	20
To omit the final spin (Rinse hold) . . . . .	20
To omit rinse and interim spin and the final spin . . . . .	20
<b>Delay start</b> . . . . .	21
<b>Programme chart</b> . . . . .	22
<b>Programme sequence</b> . . . . .	27
<b>Changing the programme sequence</b> . . . . .	29
To cancel a programme . . . . .	29
To interrupt a programme . . . . .	29
To change a programme . . . . .	29
Adding or removing laundry after a programme has started . . . . .	30

# Contents

---

<b>Electronic programme locking</b> . . . . .	31
<b>Detergent</b> . . . . .	32
Water softeners . . . . .	32
Washing with several components . . . . .	32
Fabric conditioners and liquid starch . . . . .	33
Automatic dispensing of fabric conditioner or liquid starch to laundry at the end of a programme . . . . .	33
Adding fabric conditioner separately . . . . .	33
Adding starch separately . . . . .	33
Colour run and dye removers / dyes . . . . .	33
<b>Cleaning and care</b> . . . . .	34
E-Cloth . . . . .	34
Extra cleaning . . . . .	34
Cleaning the detergent dispenser drawer . . . . .	35
Cleaning the filter in the water inlet . . . . .	36
<b>Problem solving guide</b> . . . . .	37
What to do, if . . . . .	37
The programme does not start . . . . .	37
Fault messages in the display . . . . .	38
Problems with the load size indicator . . . . .	39
General problems . . . . .	40
An unsatisfactory wash result . . . . .	41
The drum door does not open when you press the Door button. . . . .	42
Opening the drum door in the event of a blocked drain outlet and/or power failure . . . . .	43
Blocked drain outlet . . . . .	43
Opening the drum door . . . . .	44
Changing the lamp for the drum lighting . . . . .	45
<b>After sales service</b> . . . . .	46
Future updates (PC) . . . . .	46
Appliance guarantee . . . . .	46
Optional accessories . . . . .	46

<b>Installation and connection</b> . . . . .	47
Front view . . . . .	47
Rear view . . . . .	48
Installation surface . . . . .	49
Installing the washing machine . . . . .	49
Removing the transit fittings . . . . .	49
Re-fitting the transit bars . . . . .	51
Levelling the machine . . . . .	52
Screwing out and adjusting the feet . . . . .	52
Building under a continuous worktop/in a kitchen run . . . . .	53
Washer and Dryer stack . . . . .	53
The Miele Waterproof system . . . . .	54
Connection to the water supply . . . . .	55
Connection to the drainage system . . . . .	57
Electrical connection U.K. . . . .	58
<b>Consumption data</b> . . . . .	59
Note for test institutes: . . . . .	59
<b>Technical data</b> . . . . .	60
<b>Settings menu</b>  . . . . .	62
Language  . . . . .	62
Time of day  . . . . .	63
Water plus  . . . . .	63
Gentle action  . . . . .	64
Suds cooling  . . . . .	64
Lock  . . . . .	65
Temperature  . . . . .	66
Buzzer  . . . . .	66
Keypad tones  . . . . .	67
Display contrast . . . . .	67
Display brightness . . . . .	67
Stand-by  . . . . .	68
Memory  . . . . .	68

# Warning and safety instructions

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To avoid the risk of accidents and damage to the machine please read these instructions carefully before using it for the first time. They contain important information on its safety, use and maintenance. Keep these operating instructions in a safe place and ensure that new users are familiar with the content. Pass them on to any future owner of the machine.

## Correct usage

Only use the washing machine to wash items which are specified by the manufacturer to be machine-washable on the wash-care label, and textiles composed of hand-washable wool or wool blend fabrics as well as satin, lace, silk and other hand-washable garments. Any other applications may be dangerous. The manufacturer is not liable for damage resulting from improper use or operation.

## Technical safety

Before setting up the machine, check it for any externally visible damage. Do not install and use a damaged machine.

Before connecting the machine, ensure that the connection data on the data plate (voltage and connected load) match the mains electricity supply. If in any doubt, consult a qualified electrician.

The electrical safety of this machine can only be guaranteed when continuity is complete between the machine and an effective earthing system which complies with local and national regulations. It is most important that this basic safety requirement is present and regularly tested and where there is any doubt the household wiring system should be inspected by a qualified electrician. The manufacturer cannot be held liable for the consequences of an inadequate earthing system (e.g. electric shock).

Do not connect the machine to the mains electricity supply by an extension lead. Extension leads do not guarantee the required safety of the machine (e.g. danger of overheating).

The machine is built in accordance with current safety requirements. Unauthorised repairs could result in unforeseen dangers for the user, for which the manufacturer cannot accept liability. Repairs should only be undertaken by a Miele approved technician.

Ensure current is not supplied to the appliance until after maintenance or repair work has been carried out.

The machine is only completely isolated from the electricity supply when:

- it is switched off at the wall socket and the plug is withdrawn, or
- it is switched off at the mains, or
- the mains fuse is withdrawn.

# Warning and safety instructions

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■ The Miele "Water protection system" protects from water damage provided the following conditions have been met:

- the machine is correctly plumbed in and connected to the electricity supply.
- if a fault has been identified, the machine must be examined by a competent person before further use, and repaired if necessary.

■ Faulty components must only be replaced by genuine Miele original spare parts. Only when these parts are fitted can the safety standards of the machine be guaranteed.

■ If the connection cable is faulty it must only be replaced by a Miele approved service technician to protect the user from danger.

■ In countries where there are areas which may be subject to infestation by cockroaches or other vermin, pay particular attention to keeping the machine and its surroundings in a clean condition at all times. Any damage which may be caused by cockroaches or other vermin will not be covered by the machine guarantee.

## Use

■ This equipment may only be used in mobile installations such as ships, caravans, aircraft etc. if a risk assessment of the installation has been carried out by a suitably qualified engineer.

■ Do not install your washing machine in rooms where temperatures below freezing may occur. Frozen hoses may burst under pressure. The reliability of the electronic control unit may be impaired at temperatures below freezing point.

■ Before using the machine for the first time, check that the transit fitting at the rear of the machine has been removed (see section on "Installation"). During spinning, a transit fitting which is still in place may result in damage to both the machine and adjacent furniture or appliances.

■ Turn off the stopcock if the machine is to be left for any length of time (e.g. holiday), especially if there is no floor drain (gully) in the immediate vicinity.

■ **Flooding danger**  
If hooking the drain hose into a wash basin, check that the water can drain off quickly enough to prevent the sink from overflowing. Make sure the drain hose is secure, so that the force of the water flowing out of the hose does not dislodge it. Otherwise this will result in flooding.

■ Take care to ensure that foreign objects (e.g. nails, pins, coins, paper clips) do not find their way into the machine with the laundry. These may damage components of the machine (e.g. suds container, drum), which in turn can result in damage to the laundry.

# Warning and safety instructions

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■ If the correct amount of detergent is dispensed, the machine should not need to be descaled. If, however, you do wish to descale the machine only use proprietary non-corrosive descaling agents and strictly observe the instructions on the packaging. If in doubt, contact the Miele Customer Service Dept. or your Miele Dealer.

■ Textiles which have been pre-treated in solvent based cleaning agents must be thoroughly rinsed in clean water before being washed in the machine.

■ Never use solvent based cleaning agents in this machine, as this may result in damage to component parts and create toxic fumes. Such detergents also pose a fire and explosion hazard.

■ Only use dyes specified by the manufacturer as being suitable for use in a domestic washing machine. Always observe the manufacturer's instructions carefully.

■ Colour run and dye removers contain sulphur compounds which can cause damage such as corrosion. Do not use these products in this machine.

■ Always make sure the drum is stationary before reaching in to remove washing. Reaching into a moving drum is extremely dangerous.

## Safety with children

■ This machine is not a toy! To avoid the risk of injury do not allow children to play on or near it or to play with the controls. Supervise its use by the elderly or infirm, and supervise children whilst you are operating the machine.

■ For machines with a 'porthole' door, remember that the porthole glass will be hot when washing at very high temperatures. Do not let children touch it.

## Accessories

■ Accessory parts may only be fitted when expressly approved by Miele. If other parts are used, guarantee, performance and product liability claims will be invalidated.

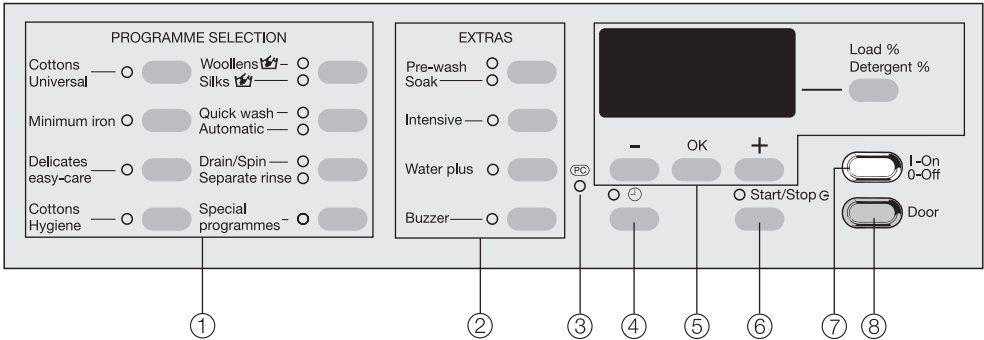
## Disposal of your old machine

■ Before discarding an old machine, switch it off at the wall socket and unplug it. Render the plug useless. Cut off the cable directly behind the appliance to prevent misuse. This should be done by a competent person.

■ The manufacturer cannot be held liable for damage caused by non-compliance with these Warning and Safety instructions.



## Control panel



① **PROGRAMME buttons** with indicator lights  
For selecting a washing programme.

② **Extra options buttons** with indicator lights  
Various Extra options can be added to the washing programmes.

③ **PC / Optical interface**  
This is used by service technicians to run diagnostic checks on your machine and can also be used to update programming data in the future.

④ **⌚ button**  
For selecting delay start.

⑤ **Display with -, OK, + and Load/Detergent buttons**  
See the following page for more details.

⑥ **Start/Stop button**  
For starting the programme selected and cancelling a programme once it has started.

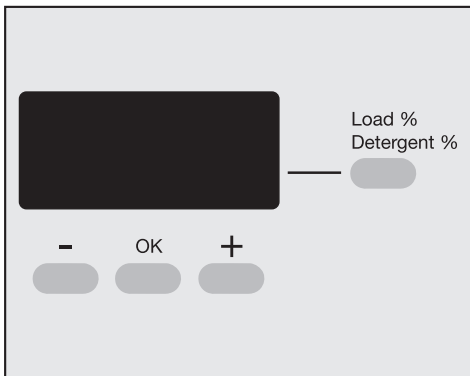
⑦ **I-On/0-Off button**  
For switching the washing machine on or off.

⑧ **Door button**  
Opens the machine door.

# Description of the machine

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## Display




When a programme is selected, the display is used to select:

- the temperature
- the final spin speed
- the soak time
- delay start
- a special programme

The display shows:

- the duration of the wash programme
- the current time of day.

The "Settings " menu is also operated via the display.

### - / + button

For changing the values shown in the display:

- decreases the value or moves the highlighting up a line.
- + increases the value or moves the highlighting down a line.

### OK button

For confirming the value selected and choosing the next value.

### **Load, Detergent button**

For calling up the load size and the detergent amount and for calibrating the load size sensor to zero.

## Before using for the first time

Before using the machine for the first time ensure that it is correctly installed and connected. See "Installation and connection". Also check that the drain filter is securely tightened to prevent the risk of water leaks during use.

The washing machine has a sensor which measures the amount of laundry in the drum. This determines the amount of detergent required. To allow the load size indicator to function correctly, you must first run a wash programme without any laundry and without detergent.

- Open the stopcock.
- Press the *I-On/O-Off* button in.

If the washing machine is being switched on for the first time, the welcome screen will appear.

The welcome screen will not appear again once you have set the machine up for first use as described in this section, or once a programme lasting longer than 1 hour has been completed.

### Reminder to remove transport struts

To avoid the risk of damage, the transport struts must be removed before the washing machine is used for the first time. See "Installation and connection" for instructions on how to do this.

- After removing the transport struts (if this has not already been done by your fitter) press the OK button.

### Setting the time of day

The display for setting the time of day will appear.



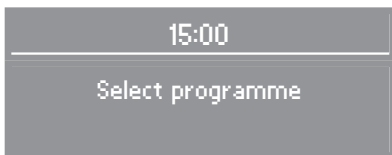
- Set the hour with the **-** and **+** buttons and confirm your setting by pressing the OK button. Now set the minutes. After you have confirmed the minute setting, the display will change to show the entry menu.

# Before using for the first time

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## Running your first programme

Your washing machine is now ready for the first programme to be run.

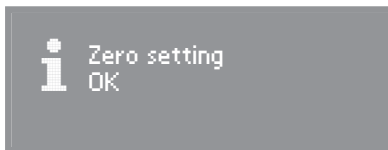


- Press the programme button for *Cottons Universal*.
- Press the *Start/Stop* button.
- At the end of the programme switch the machine off.

The load sensor must then be calibrated to zero as you would with bathroom scales.

## Calibrating the load sensor to zero

- Switch the washing machine on.
- Open the drum door.
- Press the programme button for *Cottons Universal*.
- Press and hold the *Load/Detergent* button until the following appears in the display:



- Switch the washing machine off.

The drum settles a little during the first few washes and will take 3 or 4 wash cycles to reach its true position. For this reason, please re-calibrate the sensor to zero after each of the first few wash cycles.

The machine is now ready for use.

# Washing environmentally and economically

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## Energy and water consumption

- Water consumption and energy usage are determined by the size of the load.
- Use the *Automatic* and *Quick wash* programmes for small loads.
- If smaller loads are washed using the *Cottons Hygiene* and the *Cottons Universal* programmes, the automatic load recognition system will reduce the amount of water, time and energy used. This may mean that the time left shown in the display is adjusted during the course of the wash programme.
- Instead of using the *Cottons Hygiene 95°C* programme, use *Cottons Universal 60°C* and select the *Intensive EXTRA*. This will give an energy saving of between 35% and 45%. The programme duration will be longer. This combination is sufficient for most levels of soiling. For stubborn or old stains, use the *Soak EXTRA*.

## Detergent

- Do not exceed the amount of detergent recommended by the manufacturer on the packaging.
- Reduce the amount of detergent for smaller loads. Use the *Load/Detergent* button.

## Choosing the correct Extra options (Soak, Pre-wash, Intensive)

Select:

A wash programme without any EXTRAS for light to normal soiling where there are no obvious marks.

A wash programme with the *Intensive EXTRA* for normal to heavily soiled laundry with visible staining.

- Use the *Soak EXTRA* instead of *Pre-wash*. If Soak is followed immediately by a main wash the same suds are used.

## When drying with a tumble dryer

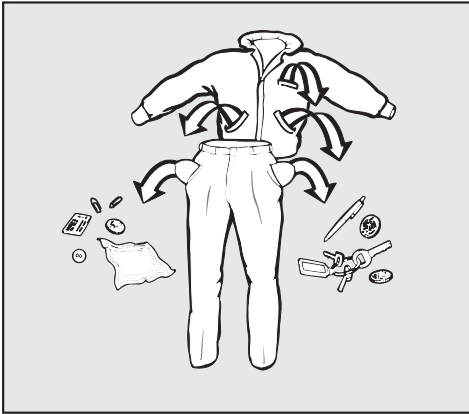
- Selecting the highest possible spin speed for the wash programme will save energy when drying in a tumble dryer afterwards.

# How to wash correctly

## Brief instructions

The headings numbered ①, ②, ③, . . . show the operating sequence and can be used as brief instructions.

### ① Sort the laundry



- Empty all pockets.

⚠ Foreign objects (e.g. nails, coins, paper clips, etc.) can cause damage to garments and components in the machine.

- Badly soiled areas, stains etc. should be removed as soon as possible, preferably whilst still fresh. Spillages should be carefully dabbed off using a soft colourfast cloth. Do not rub!

Badly soiled areas can be pre-treated with liquid detergent, stain removers etc. first, following the manufacturer's instructions. With particularly stubborn stains ask your dry cleaner for advice.

⚠ Do not use solvent-based cleaning agents in this machine.

- Sort the laundry by colour and by care label. Most garments have a textile care label in the collar or side seam.

Dark textiles often contain excess dye and should be washed separately several times before being included in a mixed load. Always wash whites and coloureds separately.

- Curtains: Remove lead weights first or place in a laundry bag.
- Underwiring and collar stiffeners: Any loose wiring in bras, shirt collar stiffeners, etc. should be removed or sewn in.
- Knitted garments, trousers and jeans, T-shirts and sweat shirts: Turn inside out, if recommended by the manufacturer.
- Close any zips, fasten hooks and eyes etc before washing.
- Fasten duvet covers etc. to prevent small items from being rolled up inside them.

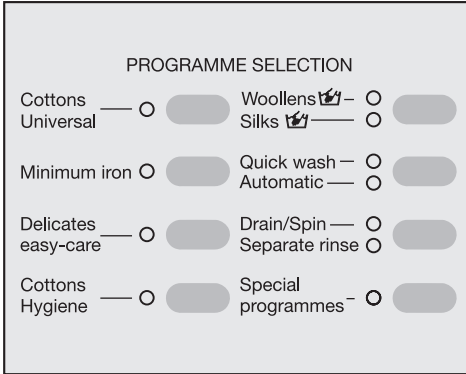
Do not wash any items in this machine which are specified by the manufacturer as **not washable** on the care label. (☒ symbol)

# How to wash correctly

## 2 Switch on the washing machine

The interior drum lighting will come on.

## 3 Select a programme



- The programmes are selected with the PROGRAMME SELECTION buttons.

If a button is allocated two programmes, pressing it a second time will select the lower programme. The relevant indicator light will light up to show which programme has been selected.

The programme selected will appear in the display.



The display will switch to show the menu for the programme selected.



- You can alter the temperature which is highlighted with the – or + buttons. Press the OK button to confirm the temperature you want and move on to the spin speed which you can also alter if you wish.

The following choice of programmes will appear in the display if you press the *Special programmes* button.

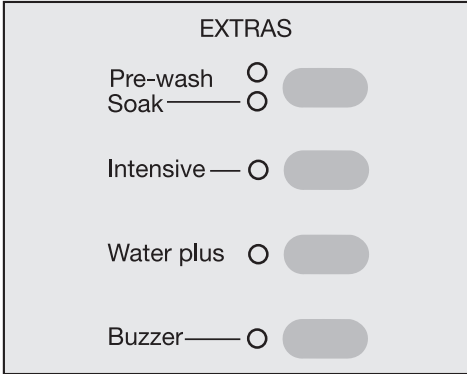


- Use the – or + button to highlight the programme you wish to select and confirm your selection by pressing the OK button.



- You can then alter the temperature which is highlighted with the – or + buttons. Press the OK button to confirm the temperature you want and move on to the spin speed which you can also alter if you wish.

# How to wash correctly



- You can select any extras (additional options) with the EXTRAS buttons.
- Each press of the top button selects the additional option in the following order: *Pre-wash*, *Soak*, no selection.

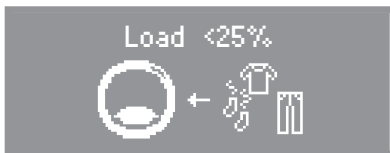
Not all the EXTRAS are suitable for use with every programme.

If an EXTRA is incompatible with the basic programme chosen, it cannot be selected.

## 4 Load the drum

- Press the *Door* button to open the drum door.

The load size indicator display will appear.

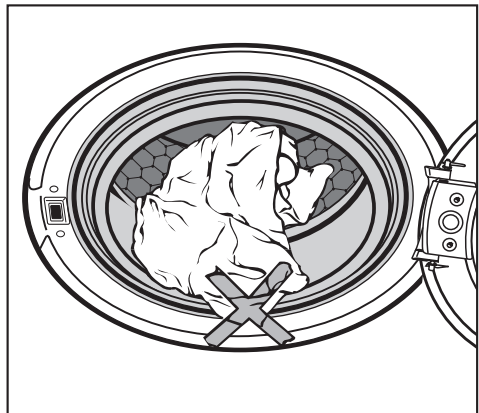


The display shows the amount of laundry loaded in the drum as a % (in 25% steps) of the maximum load permissible for the programme selected.

- Unfold the laundry and load loosely in the drum. Mixing both large and small items gives better wash results and also helps distribute the load evenly during spinning.

The most efficient use of energy and water is achieved when a full load is washed. However, do not overload as this causes creases and reduces cleaning efficiency.

Make sure that no garments are caught between the drum door and seal.



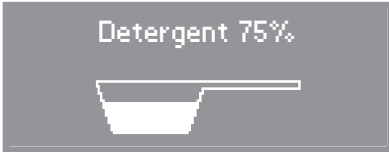
- Shut the door with a firm swing.



# How to wash correctly

## 5 Add detergent

The load size indicator display will be replaced with the detergent percentage display.



40%	Add slightly less than half the amount recommended . . .
50%	Add half the amount recommended . . .
60%	Add slightly more than half the amount recommended . . .
75%	Add three quarters of the amount recommended . . .
100%	Add the full amount

You also need to take the level of soiling and water hardness into account.

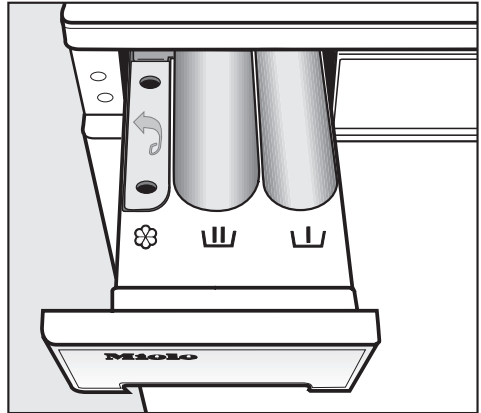
too little detergent results in:

- Laundry not getting properly clean and with time it may become grey and hard to the touch.
- Greasy particles clinging to the laundry.
- Limescale deposits on the heater elements.

too much detergent results in:

- Excessive foam which causes a low level of agitation and poor wash, rinse and spin results.

- High water consumption (an additional rinse cycle will automatically switch in).
- A burden to the environment.



- Pull out the detergent drawer and add detergent to the compartments as follows:



Detergent for the pre-wash ( $\frac{1}{4}$  of the total amount recommended).

This compartment is also used for starch formulations when starching separately.



Detergent for the main wash including Soak



Fabric conditioner or liquid starch

- Close the detergent drawer.

See "Detergent" for further information.

# How to wash correctly

## ⑥ Start the programme

- Press the flashing *Start/Stop* button.

The estimated programme duration will appear in the display. This will count down in one minute steps. During the first 10 minutes the washing machine measures how much water is being absorbed by the laundry. The programme duration may be longer or shorter depending on this absorbency rate.

The programme sequence is also shown in the display. The washing machine shows you when each section of the programme is reached.

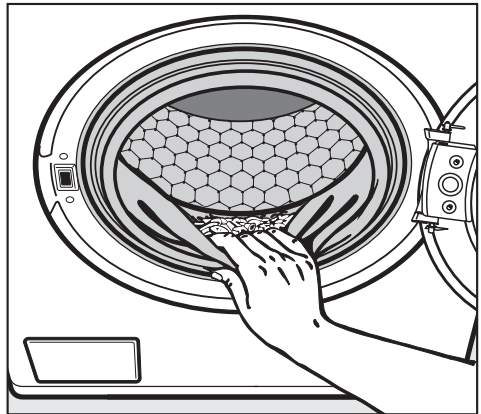
The drum lighting switches off once the programme has started.

## ⑦ Remove the laundry

*Anti-crease* and *Finish* will flash alternately in the display to indicate that the programme has finished.

- Press the *Door* button to open the drum door.
- Remove the laundry.

Make sure that the drum is empty. Items left in the drum could discolour other items in the next wash or become discoloured themselves.



- Check the folds in the door seal for any small articles, e.g. buttons which might be lodged there.
- Switch the washing machine off with the *I-On/O-Off* button.
- Close the drum door. Otherwise there is the danger of objects being placed inadvertently in the drum. If these remained unnoticed and were washed in the next load, they could damage the laundry.

You can use the EXTRAS buttons to augment the basic wash programmes.

## Pre-wash

For laundry with large amounts of dirt (e.g. dust, sand).

## Soak

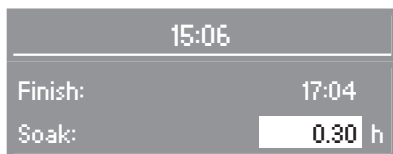
For heavily soiled and stained items with protein stains (e.g. blood, fats and oils, cocoa).

A length of time of between 30 minutes and 6 hours can be chosen, in 30 minute periods for the "Soak" process.

### To select the soak time

- Press the *Pre-wash, Soak* button until the *Soak* indicator light comes on.

You can now use the display to select the soak time you require.



Use the **-** and **+** buttons to enter the soak time. The display will also show the corresponding finishing time for the washing programme. Press the OK button to confirm the soak time you want.

### To delete the soak time

- Set the soak time to 0.00 h and confirm this with the OK button.


## Intensive

For normal to heavy soiling or where staining is visible.

The duration of the main wash is increased.

## Water plus

The machine is set at the factory so that the water level in the main wash and rinses will be increased if the *Water plus* EXTRA is selected.


However, you can select other settings for *Water plus*. These are described in "Settings menu .

## Buzzer

An audible tone sounds repeatedly at the end of a programme or when Rinse hold is reached.

The buzzer will sound repeatedly until the machine is switched off.

Once switched on, the buzzer is active in all programmes until it is switched off again.

You can change the volume of the buzzer or switch it off with the buzzer button. These are described in "Settings menu .

The buzzer will always sound when there is a fault, even if the buzzer has been switched off.

# Spinning

## Final spin speed

Wash programme	rpm
Cottons Universal	1600
Minimum Iron	900
Delicates	600
Cottons Hygiene	1600
Woollens	1200
Silks	400
Quick wash	1600
Automatic	900
Separate rinse	1200
Outer wear	800
Denim	900
Shirts	600
Starch	1500
Spin	1600

You can reduce the final spin speed. You cannot select a final spin speed higher than that shown in the chart above.

## Rinse and interim spin

There is a spin after the main wash and between the rinses. A reduction in the final spin speed will also reduce the interim spin speed. If a spin speed of less than 700 rpm is selected in the *Cottons Hygiene* and the *Cottons Universal* programmes, an additional rinse is introduced.

## To omit the final spin (Rinse hold)

- Select the *Rinse hold* setting. The laundry will not be spun and will remain suspended in the final rinse water. This reduces creasing if the laundry is not going to be removed from the drum immediately after the end of the programme.
- To start the final spin:

The washing machine will display the maximum spin speed possible. You can select a spin speed lower than this. Start the final spin by pressing the *Start/Stop* button.
- To end the programme:

Press the *Door* button. The water will drain away. Press the *Door* button again, to open the door.

## To omit rinse and interim spin and the final spin

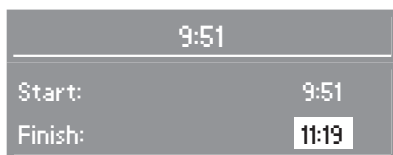
- Select the *Without spin* setting. The laundry is not spun after the final rinse. The water will drain away and the machine will go straight into the anti-crease stage. An additional rinse is introduced if this setting is selected with the *Cottons Hygiene*, *Cottons Universal*, *Minimum Iron*, *Quick wash* and *Automatic* programmes.

With delay start you can choose when you want the programme to end. The start of a programme can be delayed from 30 minutes up to a maximum of 24 hours, allowing you to make use of night-time economy electricity rates, for example.

The current time of day needs to have been set for delay start to work correctly.

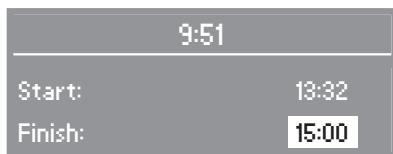
## To switch on delay start

- Select the programme you want and then press the ⊖ button.



The display shows the current time of day and the time the programme is due to end.

- Use the + button to select the time you want the programme to end at.



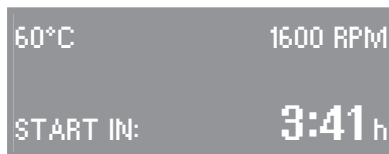
The first press on the button will adjust the programme end time to the next full or half hour. Each subsequent press on the button will delay the programme end time by 30 minutes.

Use the – button to shorten the time if you have chosen too long a time.

- Confirm the programme end time by pressing the OK button.

## To begin delay start

- Press the *Start/Stop* button.



The display will show when the programme will be started in hours and minutes.

## To alter delay start

- Press the ⊕ button.
- Use the + and – buttons to alter the time you want the programme to end at.
- Press the OK button to confirm the time selected.












## To cancel delay start

- Press the ⊖ button.
- Use the – button to bring the end time of the programme forward until it is the same as the current time of day.
- Press the OK button to confirm.











The programme will now start immediately.

The actual load size can only be determined accurately by the machine once the programme has started. The programme end time may, therefore, be a bit later or earlier than first indicated.









## Programme chart

<b>Cottons Universal 30°C to 60°C</b>		  
Fabric	Cottons or cotton mix fabrics, e.g. T-shirts, trousers.	
Notes	<ul style="list-style-type: none"> <li>– For heavy soiling or where staining is visible, select <i>Intensive</i>.</li> <li>– For laundry with stubborn soiling and/or soiling which has been left unwashed for some time, select <i>Soak</i>.</li> <li>– For laundry with large amounts of dirt (e.g. dust, sand), select <i>Pre-wash</i>.</li> <li>– For dark coloured fabrics use a detergent for coloured fabrics, or liquid detergent.</li> </ul>	
Extras	Pre-wash or Soak, Intensive, Water plus	
Detergent	Powder detergent, detergent for coloured fabrics, liquid detergent, tablet detergent and liquid tab detergent	
Max. load	5.0 kg	
Note for test institutes: For testing in accordance with EN 60456 <b>you must</b> select the <i>Intensive Extra</i> .		
<b>Minimum iron 30°C to 60°C</b>		      
Fabric	For garments made of synthetic fibres, mixed fibres and for easy care cotton shirts and blouses. If fabrics have a high proportion of man-made fibres it is advisable to programme the machine for "Gentle action". See "Settings menu 	
Notes	For heavy soiling or where staining is visible, select <i>Intensive</i> .	
Extras	Pre-wash or Soak, Intensive, Water plus	
Detergent	Powder detergent, detergent for coloured fabrics, liquid detergent, detergent for delicates, tablet detergent and liquid tab detergent	
Max. load	2.5 kg	
Note for test institutes: For testing in accordance with EN 60456 <b>you must</b> select the <i>Intensive Extra</i> .		

## Programme chart

<b>Delicates cold to 60°C</b>		   
Fabric	For delicate garments made of synthetic fibres, mixed fibres and for easy care cotton shirts and blouses. Curtains, including net curtains, specified as machine-washable by the manufacturer.	
Notes	<ul style="list-style-type: none"> <li>– For heavy soiling or where staining is visible, select <i>Intensive</i>.</li> <li>– For curtains which crease easily, reduce the spin speed or select Without spin.</li> </ul>	
Extras	Pre-wash or Soak, Intensive	
Detergent	Liquid detergent for delicates.	
Max. load	1.0 kg	
<b>Cottons Hygiene 75°C to 95°C</b>		  
Fabric	Cotton and linen fabrics, e.g. bed linen, table linen, nappies, underwear.	
Notes	<ul style="list-style-type: none"> <li>– Suitable for heavily soiled laundry.</li> <li>– For heavy soiling or where staining is visible, select <i>Intensive</i>.</li> <li>– For laundry with stubborn soiling and/or soiling which has been left unwashed for some time, select <i>Soak</i>.</li> <li>– For laundry with large amounts of dirt (e.g. dust, sand), select <i>Pre-wash</i>.</li> </ul>	
Extras	Pre-wash or Soak, Intensive, Water plus	
Detergent	Powder detergent, detergent for coloured fabrics, liquid detergent, tablet detergent and liquid tab detergent	
Max. load	5.0 kg	
<b>Woollens cold to 40°C</b>		  
Fabric	Machine-washable or hand-washable wool or wool blend fabrics. If the care label does not specify a temperature wash using the cold setting.	
Detergent	Liquid detergent for machine-washable woollens.	
Max. load	2.0 kg	

# Programme chart

<b>Silks cold to 30°C</b>		 
Fabric	Hand-washable fabrics with no wool content, e.g. satin, lace and silk.	
Notes	Place socks, tights, bras etc. in a washing bag.	
Extra	Water plus	
Detergent	Liquid detergent for delicates.	
Max. load	2.0 kg	
<b>Quick wash cold to 40°C</b>		 
Fabric	Small loads of lightly soiled laundry which can be washed in a <i>Cottons Universal</i> programme.	
Extra	Water plus	
Detergent	Powder detergent, detergent for coloured fabrics, liquid detergent.	
Max. load	2.5 kg	
<b>Automatic cold to 40°C</b>		   
Fabric	Mixed loads of garments suitable for the <i>Cottons Universal</i> and <i>Minimum iron</i> programmes. Sort according to colour.	
Notes	For heavy soiling or where staining is visible, select <i>Intensive</i> .	
Extra	Pre-wash or Soak, Intensive, Water plus	
Detergent	Powder detergent, detergent for coloured fabrics, liquid detergent	
Max. load	3.0 kg	
<b>Spin</b>		
For spinning fabrics. Please make sure you select the appropriate spin speed. Drain only: Select <i>Without spin</i> .		
<b>Separate rinse</b>		
Fabric	Articles which have been washed by hand and only need to be rinsed and spun in the machine.	
Extra	Rinse hold	
Max. load	5.0 kg	









## Programme chart

<b>Special programmes</b>	
<b>Denim cold to 40°C</b>	
Fabric	Denim fabrics, e.g. jeans, skirts, shirts.
Notes	<ul style="list-style-type: none"> <li>– Wash dark garments inside out.</li> <li>– Denim often contains excess dye and will run during the first few washes. Wash light and dark coloured items separately.</li> </ul>
Detergent	Detergent for coloured fabrics, liquid detergent, detergent for delicates
Max. load	2.0 kg
<b>Outer wear cold to 40°C</b>	
Fabric	Outer wear made from micro-fibres such as Gore-Tex®, SYMPATEX®, WINDSTOPPER® etc.
Notes	<ul style="list-style-type: none"> <li>– Zip up jackets before washing.</li> <li>– Do not use fabric conditioner.</li> </ul>
Detergent	Follow manufacturer's instructions regarding detergent on the garment care label.
Max. load	2.0 kg
<b>Shirts cold to 60°C</b>	
Fabric	Shirts and blouses
Notes	<ul style="list-style-type: none"> <li>– Pre-treat colours and cuffs if necessary.</li> <li>– Wash silk blouses in the <i>Silks</i> programme.</li> </ul>
Detergent	Powder detergent, detergent for coloured fabrics, liquid detergent, tablet detergent and liquid tab detergent
Max. load	1.5 kg
<b>Starch</b>	
Fabric	Table cloths, napkins, overalls, aprons.
Notes	The laundry should be washed but not treated with fabric conditioner.
Max. load	5.0 kg




# Programme chart

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## Important - other care symbols

	Hand wash (If no temperature is specified use the lowest temperature or cold)
	Do not wash
	Dry clean
	Do not dry clean
	Suitable for chlorine bleaching
	Do not use chlorine bleach

























## Tumble dry

	At normal temperature
	At low temperature
	Do not tumble dry

## Ironing

	Hot iron
	Medium hot iron
	Cool iron
	Do not iron

## Programme sequence

	Main wash		Rinses		Spinning	
	Water level	Wash rhythm	Water level	No of rinses	Rinse and interim spin	Final spin
Cottons Universal		Ⓐ		2-3 <sup>1)</sup>	✓ <sup>2)</sup>	✓
Minimum Iron		Ⓐ		2-3 <sup>3)</sup>	✓ <sup>2)</sup>	✓
Delicates		Ⓑ		3	–	✓
Cottons Hygiene		Ⓐ		2-3 <sup>1)</sup>	✓ <sup>2)</sup>	✓
Woollens		Ⓒ		2	✓ <sup>2)</sup>	✓
Silks		Ⓓ		2	–	✓
Quick wash		Ⓐ		2	✓ <sup>2)</sup>	✓
Automatic		Ⓐ		2	✓ <sup>2)</sup>	✓
Separate rinse	–	–		2	–	✓
Outer wear		Ⓑ		3	✓ <sup>4)</sup>	✓
Denim		Ⓐ		3	–	✓
Shirts		Ⓐ		2	–	✓
Starch	–	–		1	–	✓

 = Low water level

 = Medium water level

 = High water level

Ⓐ = Normal wash rhythm

Ⓑ = Gentle action

Ⓒ = Woollens

Ⓓ = Silks

Please continue reading for further details about the programme sequences.

# Programme sequence

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This washing machine has fully electronic controls with automatic load recognition. It takes in the right amount of water required for the programme depending on the amount of laundry and its absorbency rate. This means that programme cycles and durations can vary.

The programme sequences outlined below are based on the basic programme with a full load. Extras which can be selected have not been taken into account.

The programme sequence display shows the stage the programme has reached.

## Special features in the programme sequences:

### Anti-crease:

At the end of every programme, with the exception of *Woolens*, the drum continues to turn at intervals for up to 30 minutes to help prevent creasing. The door can be opened and laundry removed at any time during the anti-crease phase.

#### 1) A third rinse is carried out if:

- there is too much foam in the drum
- a spin speed lower than 700 rpm has been selected.
- *Without spin* has been selected

<sup>2)</sup>There is a spin after the main wash and between the rinses.

#### 3) A third rinse is carried out if:

*Without spin* has been selected

<sup>4)</sup> In the *Outdoor* programme laundry is only spun after the main wash.

# Changing the programme sequence

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## To cancel a programme

You can cancel a programme at any time after it has started.

- Press the *Start/Stop* button.

The suds will be pumped away and the programme is cancelled.

If you want to remove the laundry:

- Press the *Door* button.

If you want to select a different programme:

- Switch the washing machine off with the *I-On/0-Off* button.
- Switch the machine back on again.

## To interrupt a programme

- Switch the washing machine off with the *I-On/0-Off* button.

To continue with the same programme:

- Switch the machine on with the *I-On/0-Off* button.

## To change a programme

### To change the programme or alter the temperature

After the start of a programme it is no longer possible to select a different programme.

It is possible to alter the temperature up to five minutes after the start of a programme.

If you want to select another programme or alter the temperature (more than five minutes after the start of a programme) you will need to cancel the programme and begin again.

### To change the spin speed:

- Press the OK button.

The spin speed will be shown highlighted. You can use the **-** and **+** buttons to change the spin speed up until the final spin begins.

## Changing EXTRAS

The buzzer can be switched on or off after a programme has started.

It is possible to select or de-select the Intensive and Water plus EXTRAS up to five minutes after the start of a programme.

Please note that changes are not possible if programme locking has been activated.

# Changing the programme sequence

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## Adding or removing laundry after a programme has started

Laundry can be added or removed after the programme has started when using the following programmes:

- Cottons Universal
- Minimum iron
- Cottons Hygiene
- Automatic
- Quick wash
- Starch

■ Press the *Door* button to open the drum door.

■ Add or remove items.

■ Close the drum door.

The programme will continue automatically.

### Please note:

Once a programme has started the machine cannot recognise any adjustment to the load.

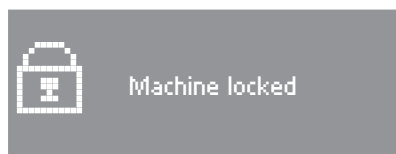
For this reason, if laundry is added or removed after the start of a programme, the machine will always complete the programme cycle for a full load.

This can alter the programme running time shown in the display.

### The door cannot be opened, if:

- the suds temperature is above **55°C**.
- the water is above a certain level.
- the programme has reached the *Spin* stage.
- the electronic programme locking has been activated.

If you press the *Door* button when the above conditions are present, the following will appear in the display:



Programme locking prevents the machine from being opened or the programme cancelled or the temperature or spin speed being altered during a wash programme.

## To activate programme locking

- Once the programme has started, press the *Start/Stop* button for at least 6 seconds until the following appears in the display:

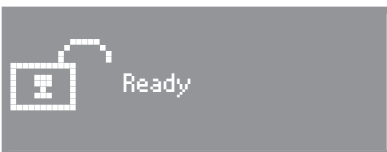


The machine will now not accept any changes and the programme will proceed through to the end.

Programme locking is deactivated automatically at the end of the programme.

## To deactivate programme locking

- Press the *Start/Stop* button for at least 6 seconds until the following appears in the display:



# Detergent



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All modern detergents produced for automatic washing machines are suitable, including liquid, compact (concentrated), tablets, liquid tablets and special application detergents. Use dispensing aids, e.g. balls, if these are supplied with the detergent. Tablets are suitable for full loads but note that it may be impractical to reduce tablets for smaller loads. Some tablets do not dissolve as rapidly as others and may not be suitable for Quick wash programmes.

Silks, woollens and knitwear containing wool mixtures and hand-washable garments should be washed using a liquid detergent specifically designed for washing woollens. Do not use biological detergents on silk as the enzymes may damage the silk!

Instructions for use and recommended amounts for a full load are given on the detergent packaging.

Liquid detergent should be dispensed using a ball provided by the manufacturer for programmes without a pre-wash.

For programmes with a pre-wash you will need to purchase a special container from the Miele Spare Parts department which sits in the main wash compartment  of the detergent dispenser drawer. Add liquid detergent to this container for the main wash and to compartment  for the pre-wash.


## The right amount to dispense will depend on the following:

- The quantity of laundry (follow the machine's dispensing recommendation and reduce the amount of detergent with smaller loads as indicated on the display)
- The soiling level of the laundry.
  - Lightly soiled No visible dirt or stains. Possibly slight body odour.
  - Normally soiled Visibly dirty and/or just a few slight stains.
  - Heavily soiled Stains and soiling clearly visible.
- The water hardness level. Check with your local water supplier if you do not know the water hardness level in your area.

## Water softeners

A water softener can be used to cut down on the use of detergents in extremely hard water areas. Dispense according to the amount specified on the packaging. First add detergent and then the water softener. Use a quantity of detergent as for soft water. Miele do not recommend connecting the machine to a household water softener.

## Washing with several components

If you wash using several components (e.g. special application detergents), dispense them into compartment  in the following order:

1. Detergent
2. Water softener
3. Stain remover

This way the agents are distributed more efficiently.



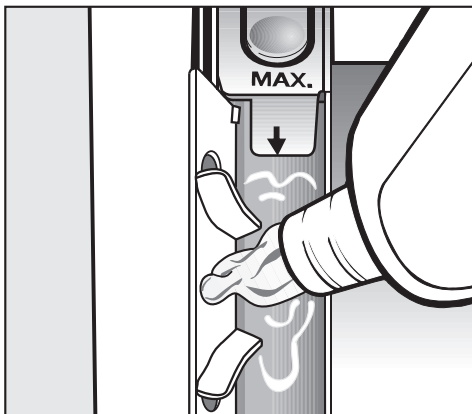
## Fabric conditioners and liquid starch

Fabric conditioners make garments soft to handle and help prevent static cling when tumble drying.

Starch stiffens and gives body to items of laundry, e.g. shirts, tablecloths and bed linen.

- Dispense according to the amount specified on the packaging.

## Automatic dispensing of fabric conditioner or liquid starch to laundry at the end of a programme



- Add the fabric conditioner or liquid starch to compartment ⌘. **Do not exceed the maximum level mark.**

The conditioner or liquid starch is automatically dispensed in the last rinse. At the end of the programme a small amount of water remains in the fabric conditioner compartment ⌘.

If starching frequently, clean the dispenser compartment and especially the siphon tube and conditioner channel regularly. See "Cleaning the detergent dispenser drawer". Do not add starch formulations or viscous liquid starch to the ⌘ compartment as it will clog it up. See "Adding starch separately"

## Adding fabric conditioner separately

- Add fabric conditioner to compartment ⌘.
- Select the *Starch Special* programme.
- Press the *Start/Stop* button.

## Adding starch separately


- Prepare the starch solution in accordance with manufacturer's instructions on the packaging.
- Add the starch formulation to compartment ▮.
- Select the *Starch Special* programme.
- Press the *Start/Stop* button.

## Colour run and dye removers / dyes


- Do not use colour run or dye removers in this washing machine.
- Dyes suitable for use in domestic washing machines can be used. However, please note that the salt used in the dyeing process can cause corrosion to stainless steel components in the machine if you dye frequently. Always observe the manufacturer's instructions carefully.

## Cleaning and care

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 Disconnect the machine from the mains electricity supply and withdraw the plug from the socket prior to cleaning the machine.

- Clean the casing with a mild non-abrasive detergent or soap and water. Wipe dry with a soft cloth.
- Clean the fascia panel with a damp cloth and wipe dry with a soft cloth.
- The drum can be cleaned using a suitable proprietary stainless-steel cleaning agent following the manufacturer's instructions on the packaging.

 Do not use solvents, abrasive cleaners, glass cleaners or all-purpose cleaning agents. These might damage plastic surfaces and other components because of the chemicals they contain. The washing machine must not be hosed down.

### E-Cloth

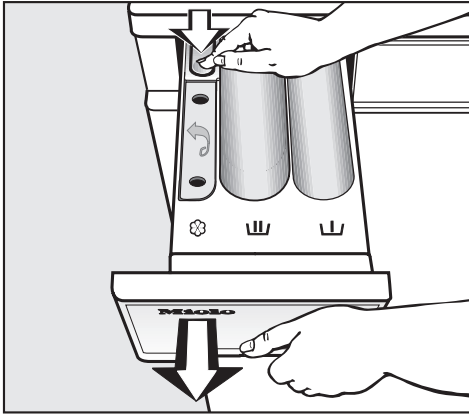
A microfibre "E-Cloth" is available from the Miele UK Spare Parts Department, which is suitable for cleaning surfaces such as stainless steel, glass, plastic and chrome without the use of chemicals. It can be washed 300 times.

### Extra cleaning

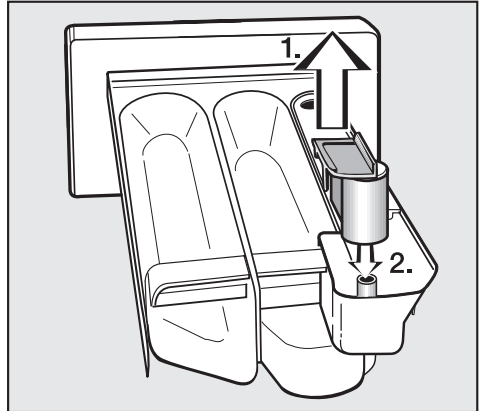
Carry out a hot wash (70°C or above) with powder detergent approx. every 6 weeks to help prevent deposits building up in the machine. These can occur when washing is mainly done at low temperatures, and also lead to unpleasant smells. If you have no reason to wash occasionally at this high temperature, then run a Cottons 95°C programme with detergent but no laundry at regular intervals.

## Cleaning the detergent dispenser drawer

Remove detergent residues regularly.



- Pull out the detergent dispenser drawer until a resistance is felt. Press down the release catch and at the same time pull the drawer right out of the machine.
- Clean the detergent drawer with warm water.



- Clean the siphon.
  1. Remove the siphon from compartment ⌘. Wash under running warm water. Clean the siphon tube in the same way.
  2. Replace the siphon.

Over time, detergent residue can build up in the water jets in the top of the detergent drawer housing.

- Before replacing the detergent drawer, use a bottle brush or similar to clean them out.

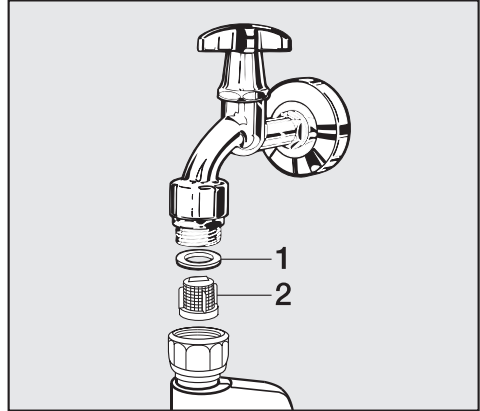
# Cleaning and care

## Cleaning the filter in the water inlet

The washing machine has a filter to protect the water inlet valve.

The accessible filter in the union in the open end of the inlet hose should be checked every six months, or more often if there are frequent interruptions to the external water supply.

- First turn off the stopcock.
- Unscrew the threaded union connecting the free end of the inlet hose to the stopcock.




- Remove the rubber seal **1** from the recess.
- Using pointed pliers, take hold of the plastic filter bar **2** and remove.
- Clean the plastic filter.
- Put the filter and seal back in the reverse order and reconnect the hose.

Turn on the stopcock and check the connection is watertight. If water drips out, tighten the connection.

**Never** forget to put the filter back in place after cleaning.

## What to do, if . . .






With the help of the following notes, minor faults in the performance of the appliance, some of which may result from incorrect operation, can be put right without contacting the Service Department.

 Repair work to electrical appliances should only be carried out by a suitably qualified person in accordance with local and national safety regulations. Repairs and other work by unqualified persons could be dangerous. The manufacturer cannot be held liable for unauthorised work.

### The programme does not start

Problem	Possible cause	Remedy
<b>The display remains dark and the indicator lights for the programme buttons are not lit up.</b>	There is no power to the machine.	Check whether <ul style="list-style-type: none"><li>– the mains plug is plugged in and switched on.</li><li>– the fuse or circuit breaker has tripped.</li></ul>
<b>The display shows: Machine locked. Enter code</b>	The electronic system lock has been activated.	Enter the code for the system lock and confirm the entry. Deactivate the system lock if you do not wish this message to appear in the display the next time the machine is switched on. See "Settings menu".
<b>The display is dark.</b>	The display has switched off automatically to save energy (Stand-by mode).	Press a button. Stand-by comes to an end.




## Problem solving guide

Fault messages in the display		
Problem	Possible cause	Remedy ❶
 <b>DRAIN FAULT</b>	<ul style="list-style-type: none"> <li>– The water outlet is blocked or restricted.</li> <li>– The drain hose has been fixed too high.</li> </ul>	<ul style="list-style-type: none"> <li>– Clean the drain filter and the drain pump.</li> <li>– The maximum drain height is 1 m.</li> </ul>
 <b>INLET FAULT</b>	<ul style="list-style-type: none"> <li>– The water inlet is blocked or restricted.</li> </ul>	Check whether <ul style="list-style-type: none"> <li>– the stopcock is opened wide enough.</li> <li>– the inlet hose is kinked.</li> </ul>
 <b>WPS ACTIVATED</b>	The water protection system has reacted.	Call the Service Department.
 <b>DRUM LIGHTING FAULT</b>	The drum lighting is not locked in position.	Check that the drum lighting is sitting correctly.
 <b>TECHNICAL FAULT</b> call Service Dept	There is a fault.	Start the programme again. If the fault message appears again, contact the Service Department.
The following will flash in the display: <b>ANTI-CREASE</b> alternately with <b>CHECK DETERGENT</b>	Excessive foam has built up during washing.	Use less detergent next time and follow the manufacturer's instructions on dosage given on the packaging.

❶ To switch off the fault message: Switch the washing machine off with *I-On/O-Off* button.


Problems with the load size indicator		
Problem	Possible cause	Remedy
<b>There is no load size in the display.</b>	There was already laundry in the drum when the washing machine was switched on. This has decalibrated the sensor from the zero setting.	<ul style="list-style-type: none"> <li>■ To recalibrate the sensor to the zero setting:               <ul style="list-style-type: none"> <li>– Remove the laundry from the drum.</li> <li>– Switch off the washing machine and leave the door open.</li> <li>– Switch on the washing machine.</li> <li>– Press the programme button for <i>Cottons Universal</i>.</li> <li>– Press and hold the <i>Load/ Detergent</i> button until the following appears in the display: <b>Zero setting OK.</b></li> </ul> </li> </ul>
<b>The display indicates a load greater than &lt;25% when the drum is empty.</b>	The load size sensor has been decalibrated from the zero position.	Rotate the drum once. If the display still indicates a load greater than <25%, recalibrate the sensor to zero again (see above section).
<b>If the fault message: Zero setting not possible Empty drum appears in the display.</b>	The drum door is closed.	<ul style="list-style-type: none"> <li>– Open the drum door.</li> <li>– Switch off the washing machine and leave the door open.</li> <li>– Switch on the washing machine.</li> <li>– Try and recalibrate to zero again.</li> </ul>

# Problem solving guide


General problems		
Problem	Possible cause	Remedy
<b>The machine shakes during the spin cycle.</b>	The machine feet are not level.	Level the machine (see "Installation").
<b>The pump makes strange noises.</b>	This is not a fault! These noises occur at the end of a pump sequence as a normal part of the operation.	
<b>Large amounts of detergent residue remain in the detergent dispenser drawer.</b>	The water pressure is too low.	<ul style="list-style-type: none"> <li>– Clean the filter in the water inlet.</li> <li>– It may be useful to select the <i>Water plus Extra</i>.</li> </ul>
	Powder detergent used in conjunction with water softeners tends to become sticky.	In future, add washing powder into the dispenser drawer first, and then add the water softener.
<b>Fabric conditioner is not completely dispensed or too much water remains in the  compartment.</b>	The siphon tube is not correctly positioned, or is clogged up.	Clean the siphon, (see "Cleaning and care" - "Cleaning the detergent dispenser drawer").
<b>The display is in a different language.</b>	A different language has been selected in <i>Settings</i>  <i>Language</i>  .	Set the language you want. The flag symbol will guide you.
<b>The laundry has not been spun satisfactorily.</b>	The spin speed selected was too low.	Select a higher spin speed next time.
<b>When laundry is dry it feels hard to the touch.</b>	Too vigorous wash action.	Programme in gentle action and more water.
	Not enough detergent used.	Increase detergent dose to prevent limescale build up in laundry.
	No fabric conditioner used.	Use fabric conditioner in last rinse.



### An unsatisfactory wash result

Problem	Possible cause	Remedy
<b>Liquid detergent does not give the required result.</b>	Liquid detergents usually contain no bleaching agents. They do not remove fruit, coffee and tea stains.	<ul style="list-style-type: none"> <li>– Use a general purpose detergent containing a bleaching agent.</li> <li>– Pour stain removers into compartment  of the dispenser drawer and liquid detergent into a dispenser ball.</li> <li>– Never put stain removers and liquid detergent together in the dispenser drawer.</li> </ul>
<b>Grey, greasy particles cling to washed laundry.</b>	Insufficient amounts of detergent were used to break down the particles of grease in heavily soiled laundry.	<ul style="list-style-type: none"> <li>– Use more detergent.</li> <li>– Before washing the next load run a <i>Cottons 95°C</i> programme with powder detergent but without a load.</li> </ul>
<b>A stale smell is in the drum and on laundry.</b>	Low temperature washing.	Before washing the next load run a <i>Cottons 95°C</i> programme with powder detergent but without a load.
<b>White residues which look like powder detergent are seen on dark textiles after washing.</b>	The detergent contained compounds (zeolites) to aid water softening which are not soluble in water. They have ended up on the laundry.	<ul style="list-style-type: none"> <li>– Try and brush off the residues with a soft brush once the laundry is dry.</li> <li>– Wash dark textiles using a detergent which contains no zeolites. Liquid detergents usually contain no zeolites.</li> </ul>
<b>Clothes are coming out creased.</b>	Programme was overloaded.	– Reduce quantity of clothes in drum.
	The wrong programme was used.	<ul style="list-style-type: none"> <li>– Check care labels and the programme chart.</li> <li>– Use easy iron conditioners.</li> </ul>

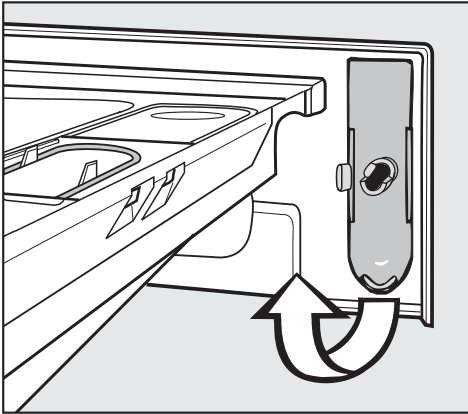
## Problem solving guide

<b>The drum door does not open when you press the Door button</b>	
<b>Possible cause</b>	<b>Remedy</b>
<b>The machine is not connected to the electricity supply and / or is not switched on.</b>	Insert the plug in the socket and switch on and / or switch the machine on with the <i>I-On/O-Off</i> button.
<b>The electronic programme lock has been activated.</b>	Deactivate programme locking as described in "Electronic programme locking".
<b>The electronic system lock has been activated.</b>	Deactivate the system lock as described in the "Settings  menu".
<b>Power cut</b>	Open the drum door as described in the next section.
<b>The door was not correctly engaged.</b>	Press hard against the lock side of the drum door and then press the <i>Door</i> button.
<b>There is still water in the drum and the machine is unable to drain.</b>	Clean the drain filter and drain pump as described in the next section.
For safety reasons the drum door cannot be opened if the suds temperature is higher than 55°C.	

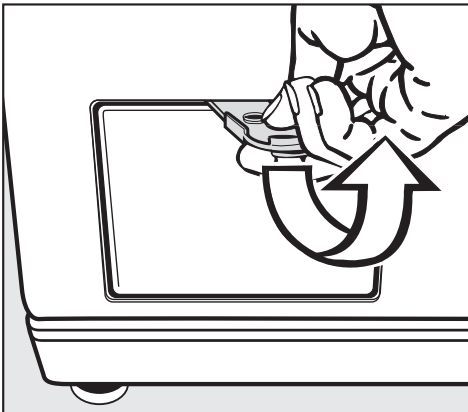
## Opening the drum door in the event of a blocked drain outlet and/or power failure

- Switch the washing machine off.

There is a lever behind the detergent drawer fascia panel.



- Remove the lever.



- Use it to open the access flap.

## Blocked drain outlet

If the drain outlet is blocked, up to 25 litres of water will be retained in the machine.

⚠ Caution: if laundry has been washed at a high temperature, water draining out of the machine will still be hot. Danger of scalding!

## Procedure for draining the machine

- Place a suitable container under the access flap.

When draining water from the machine, do **not** unscrew the drain filter completely or take it right out.



- Unscrew the drain filter lid until water runs out.

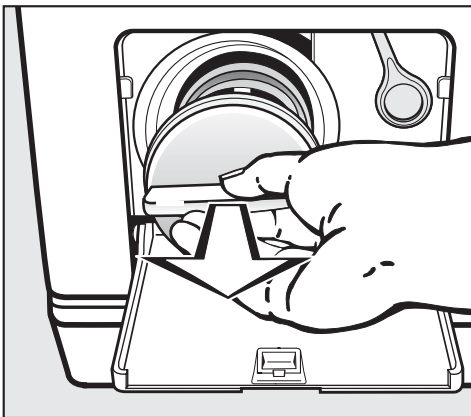
To interrupt the flow of water:

- Tighten the drain filter back up again.

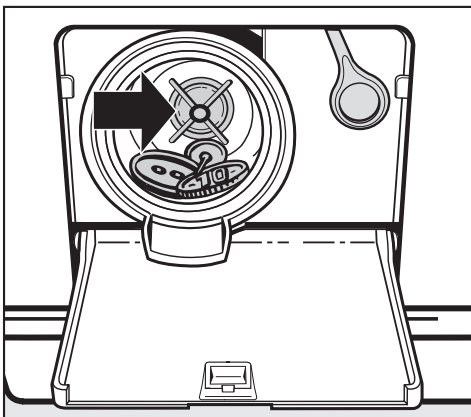
## Problem solving guide

Once the flow of water ceases:


- Remove the drain filter completely.




- Clean it thoroughly.

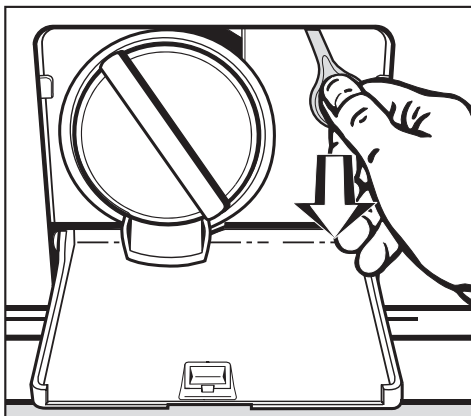


- Remove any foreign objects (e.g. buttons, coins, etc.) and fluff from the filter housing. Turn the impeller by hand to check that it rotates freely. Any foreign object causing an obstruction should be removed.
- Put the drain filter back in place and secure.

 Make sure the drain filter is securely tightened. Otherwise there is a risk of water leakage during use.

### Opening the drum door

 Always make sure that the drum is stationary before reaching into the machine to remove laundry. Reaching into a moving drum is extremely dangerous.

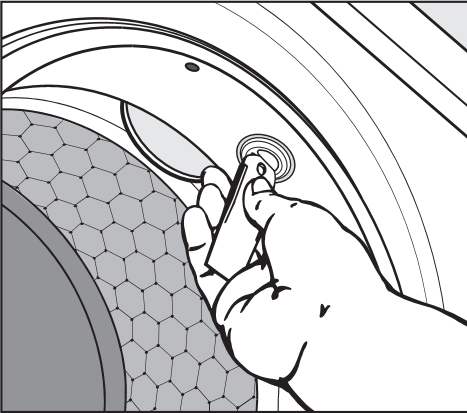


- Pull the emergency release downwards (see illustration). The drum door will open.

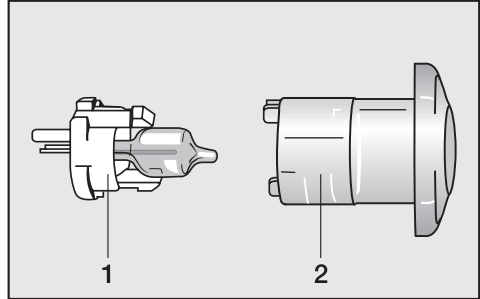
### Changing the lamp for the drum lighting

The washing machine will still operate with no lamp in place or if the lighting is faulty.

- Remove the yellow lever from behind the detergent drawer fascia panel as described previously.
- Switch the washing machine on and open the drum door.
- Now disconnect the washing machine from the electricity supply, see "Warning and Safety instructions".



- Insert the lever into the slot in the drum lighting unit (see illustration) and turn anti-clockwise (a quarter turn) until you feel a resistance.
- Pull out the loosened unit with your fingers.



- Press the two prongs to separate the plastic holder **1** from the protective cover **2**.
- Remove the faulty lamp from the plastic holder.

The new lamp must be of the same type (G4) with a maximum power output of 5 watts/12 volts.

The lamps are available from an electrical retailer, your Miele Dealer or from the Miele Spare Parts Department.

- Insert the new lamp into the plastic holder.
- Carefully fit the plastic holder and the protective cover together.
- Insert the lighting unit back into the socket and turn it clockwise to secure it.

It is absolutely essential for the correct functioning of the washing machine that the drum lighting unit is fitted correctly in position.

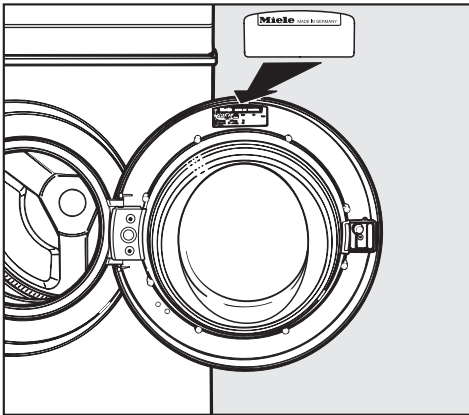
## After sales service

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In the event of any faults which you cannot remedy yourself, please contact:

- your Miele dealer or
- the Miele Service Department (see back cover for contact details).

When contacting your Dealer or the Service Department, please quote the model and serial number of your appliance, both of which are shown on the data plate visible above the porthole glass when the door is open.



### Future updates (PC)

The indicator or check light marked PC is the interface used by Miele service technicians during servicing work for testing purposes and for updating the machine's programme data.

### Appliance guarantee

Please see the guarantee card supplied with your machine.

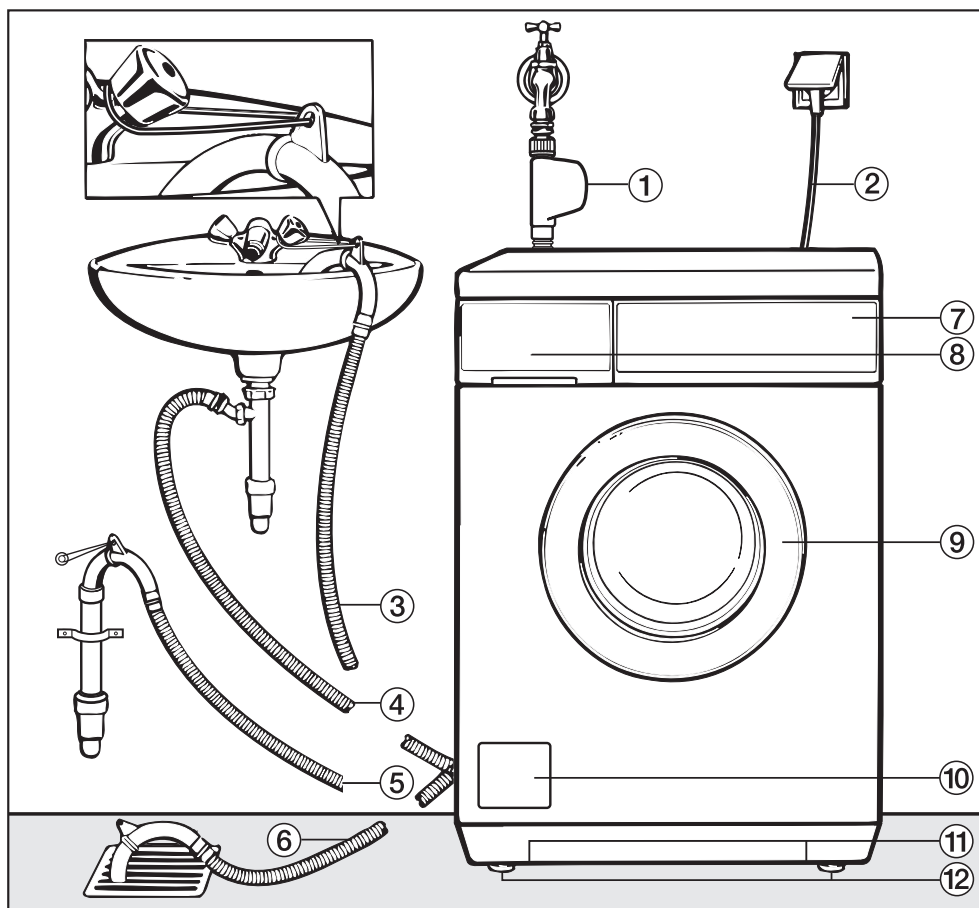
### Optional accessories

Optional accessories for this washing machine are available from your Miele Dealer or from the Miele Spare Parts Department.

Please note that telephone calls may be monitored and recorded to improve our service.

# Installation and connection

## Front view



① Inlet hose with "Waterproof" system

② Electricity supply cable

③ - ⑥ Flexible drain hose (with detachable swivel elbow)

⑦ Facia panel with controls

⑧ Detergent dispenser drawer

⑨ Drum door

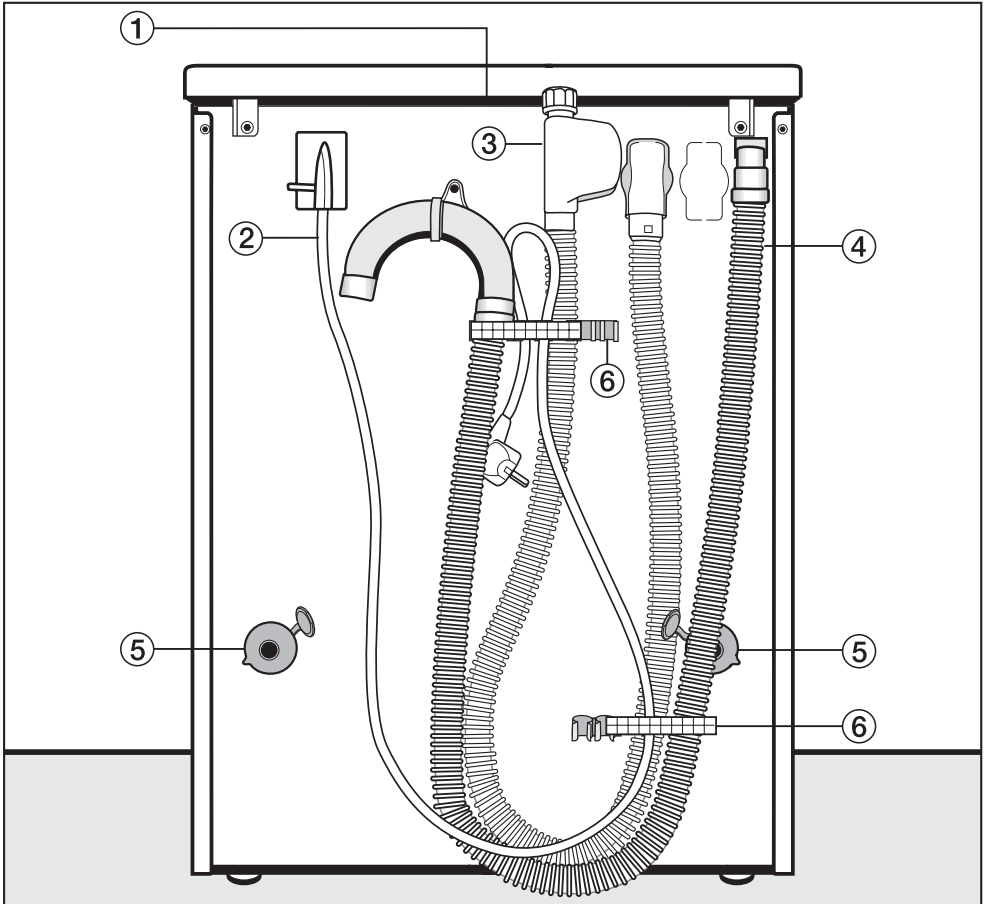
⑩ Access to drain filter, drain pump and emergency release

⑪ Handle recesses for moving the machine

⑫ Four height adjustable feet

# Installation and connection

## Rear view



- ① Protruding edge for holding when moving the machine
- ② Electricity supply cable
- ③ Inlet hose with "Waterproof" system
- ④ Drainage hose

- ⑤ Transit bar covers
- ⑥ Restraining clip for:
  - Inlet hose
  - Drain hose
  - Electricity supply cable
  - Transit bars when removed



## Installation surface

A concrete floor is the most suitable installation surface for a washing machine, being far less prone to vibration during the spin cycle than wooden floorboards or a carpeted surface.

Please note the following points:

- The machine must be level and securely positioned.
- To avoid vibrations during spinning, the machine should not be installed on soft floor coverings.

If installing on a wooden joist floor:

- We recommend a plywood base (at least 59x52x3 cm). The base should span several joists and be bolted to the joists and not only to the floorboards. Check for the presence of pipes and cables.

If possible, install the machine in a corner, as this is usually the most stable part of the floor.

⚠ If the machine is installed on a raised plinth, it **has to be secured** against slippage during spinning using retaining clips (available from the Miele Spare Parts Dept).

## Installing the washing machine

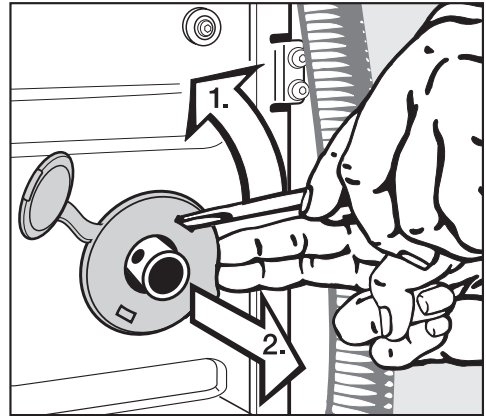
To manoeuvre the machine out of its packing case to its installation site hold it by the edge of the lid where it protrudes to the rear of the washing machine as well as by the handle recesses at the front.

Please note:

- Do not lift the machine by the drum door.

⚠ Ensure that the machine feet and the floor are dry to prevent the machine from slipping during the spin cycle.

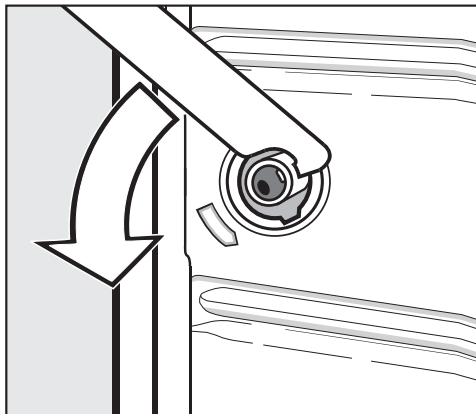
## Removing the transit fittings



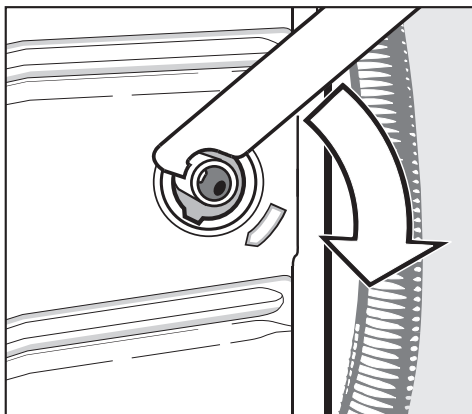
- To remove the left and right covers

1. Use a screwdriver to prise out the cover as illustrated.
2. Pull the cover forwards to remove.

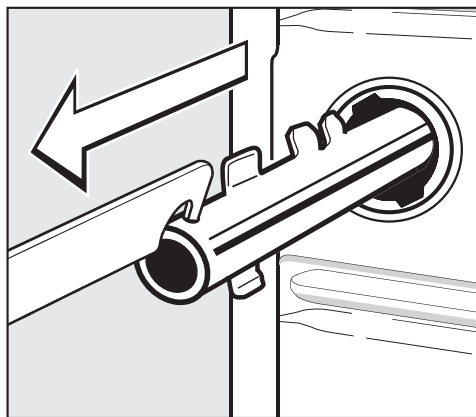
## Installation and connection



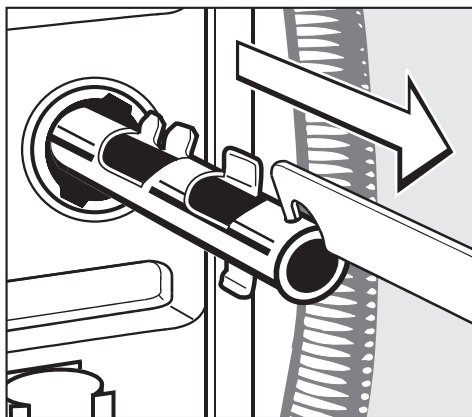
- Using the spanner supplied turn the left-hand transit bar 90°, then



- Turn the right-hand transit bar 90°, then

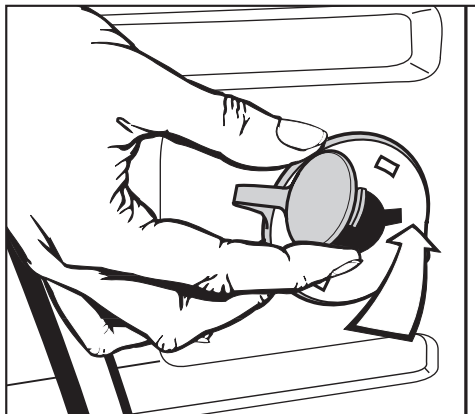



- withdraw the transit bar.



- withdraw the transit bar.

## Installation and connection



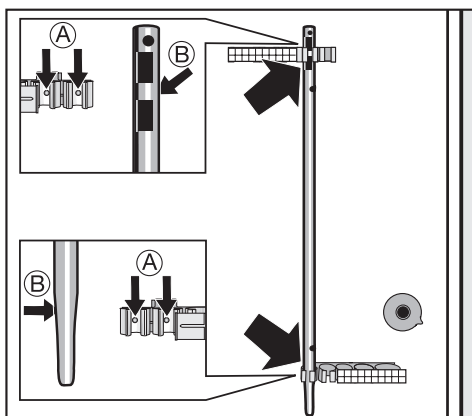
 The washing machine must not be moved without the transit bars in place.

Store the transit bars as shown or keep them in a safe place for future use. They must be re-fitted if the machine is to be moved again (e.g. when moving house).

### Re-fitting the transit bars

Re-fitting is carried out by reversing the procedure.

- Fit the covers on to the two holes. Then plug the holes as shown with the caps.

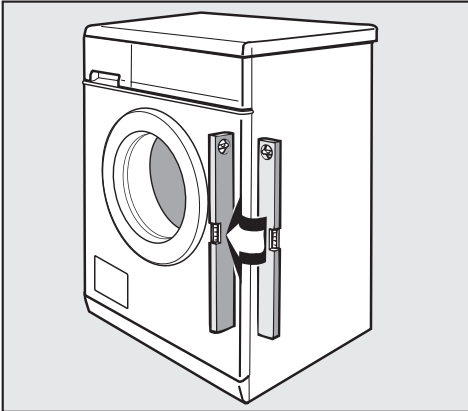


- Secure the transit bars to the back of the washing machine. Make sure that holes (B) are fitted over retainers (A).

# Installation and connection

## Levelling the machine

The machine must stand perfectly level on all four feet to ensure safe and proper operation.

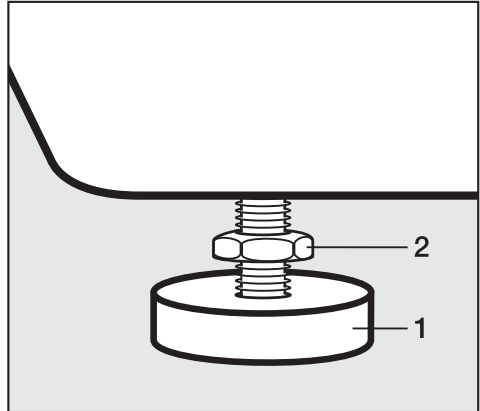


Incorrect installation may increase electricity and water consumption and may cause the machine to move about.


False values may also show in the Load and Detergent display.

## Screwing out and adjusting the feet

The four adjustable screw feet are used to level the machine. All four feet are screwed in when the machine is delivered.



- Using the spanner supplied turn counter nut **2** in a clockwise direction. Then turn counter nut **2** together with foot **1** to unscrew.
- Use a spirit level to check the machine is standing level.
- Hold foot **1** securely with a pipe wrench. Turn counter nut **2** again using the spanner supplied until it sits firmly up against the housing.

 All four counternuts must be firmly up against the housing. Please also check this for the feet which did not need adjustment. Otherwise there is the danger of the machine moving about.

The fitting of building under kits and stacking kits must only be undertaken by qualified and competent persons, in accordance with the instructions supplied with the kit.

## Building under a continuous worktop/in a kitchen run

If you wish to push your machine under a worktop and there is space to do this **without removing the lid**, the conversion kit is not necessary. Otherwise the conversion kit is essential.

- A special building under conversion kit\* is required.  
The machine lid must be replaced by a cover plate. To ensure electrical safety the cover plate must be fitted.
- For installation under a work surface 900/910 mm from the floor, a raising kit\* is required.
- Connections for electricity, water and drainage should be installed in such a way that they remain accessible when the machine is in place.

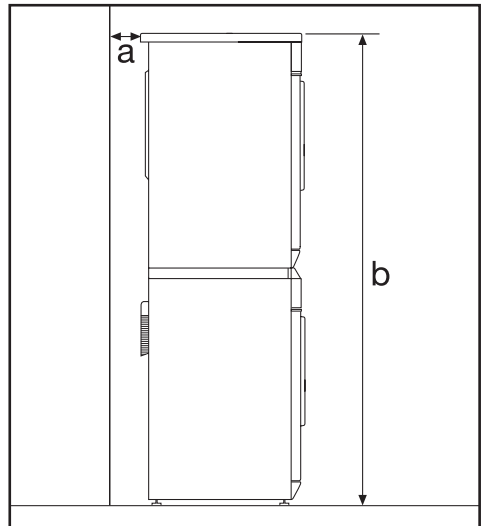
Fitting instructions are supplied with the conversion kit.

All parts marked\* are available from the Miele Spare Parts or Sales Department.

## Washer and Dryer stack

A Miele tumble dryer can be stacked with the washing machine. A "WTV" stacking kit\* is necessary and can be purchased from the Miele Spare Parts Department.

## Please note



**a** Safety distance to wall:  
at least 2 cm

**b** Height:  
Stacking kit with pull-out shelf:  
approx. 169 cm  
Stacking kit without pull-out shelf:  
approx. 170 cm

## Replacing the lid

If the lid has been removed in order to fit a stacking kit or cover plate, ensure that, if the lid is replaced, it fits securely into the rear holders. Otherwise, it is not properly secure for transport.

# Installation and connection

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## The Miele Waterproof system

The Miele Waterproof system protects the washing machine from water damage.

The system consists of three main components:

- 1) the inlet hose
- 2) the electronic unit and the washing machine housing
- 3) the drain hose

### 1) Inlet hose

- The inlet hose is fitted with an additional electrical safety valve which works like an automatic stopcock and is housed in the inlet hose connection box.
- It is pressure tested to between 7,000 and 10,000 kPa.
- The inlet hose has a protective sleeve.

Any leaking water from the inlet hose is fed into the sump through this protective sleeve. A float switches off the safety valve, preventing any more water from flowing into the machine and water in the suds container is pumped away.

### 2) Electronic unit and washing machine housing

- Sump

Any leaking water is collected in a sump in the base of the machine. A float switches off the safety valves, preventing any more water from flowing into the machine and water in the suds container is pumped away.


- Overflow protection

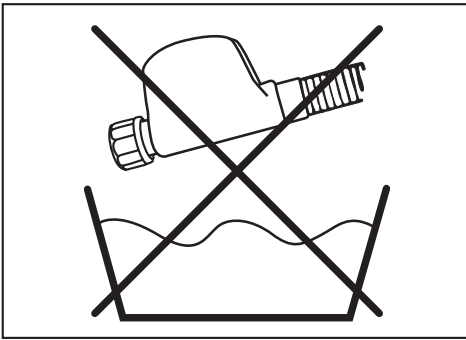
This prevents the washing machine taking in too much water. If the water level exceeds a certain level, the drain pump switches in and pumps the excess water away.

### 3) Drain hose

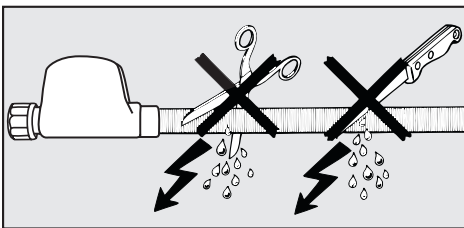
The drain hose is protected by a ventilation system which prevents the washing machine from being emptied completely.

## Connection to the water supply

 The plastic casing of the safety valve contains electrical components. The Waterproof system must only be connected to its own stopcock. It must not be connected to mixer taps or similar and must not be fitted in areas where there is the risk of water or other liquids reaching it.



**Do not get wet.**




**The protective sleeve of the hose must not be damaged or kinked.**

The machine should be connected to a mains water supply in accordance with local and national safety regulations. The German authorities do not require it to have a non-return valve as the washing machine has been designed to comply with DIN regulations.

The machine is designed to operate with a flow pressure of between 100 and 1,000 kPa. If it is higher than 1,000 kPa it is essential to fit a reducer valve.

Connection to the mains water supply should incorporate a mains stopcock with  $\frac{3}{4}$ " thread. The stopcock should be fitted by a qualified plumber.

 The connection point is subject to mains water pressure. Turn on the stopcock slowly and check for leaks. Correct the position of the washer and union if appropriate.

The washing machine is **not** suitable for connection to a hot water supply and connection to a household water softener is not recommended.

# Installation and connection

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## Maintenance and care

If you intend to unscrew the Miele Waterproof system hose from the stopcock it is essential to disconnect the machine from the electricity supply first.

Only use a **Miele Waterproof system** hose should you need a replacement.

In order to protect the water inlet valve, the dirt filter in the water inlet valve connection must not be removed.

## Extension hose

A 1.5 metre long (metal) extension hose is available from your Miele dealer or the Miele Spare Parts Department as an optional extra.

This hose is tested to withstand pressures of up to 14,000 kPa and can be used as a flexible extension to the water supply.

N.B. Using this hose renders the Waterproof system safety valve on the inlet hose ineffective.



## Connection to the drainage system

The machine drains via a drain pump with a delivery head of 1 metre\*.

The drain hose must not be kinked as this restricts drainage. The swivel elbow at the end of the hose can be turned in either direction, or can be detached if required, with a sharp twist and pull.

If required, the drain hose can be extended to a length of 5 m. The necessary parts can be purchased from the Miele Spare Parts Department or your Miele dealer.

\* For a delivery head of more than 1 m (up to a maximum of 1.8 m) a second duo-drain pump is available with the corresponding kit from the Miele Spare Parts Department or your Miele Dealer.

## Drain hose connection:

1. Direct into a sink or basin:

Please note the following

- Hook the hose over the edge and secure.
  - Make sure that the water can drain away freely without hindrance. Otherwise there is a risk of water overflowing or of some of the drained water being sucked back into the machine.
2. Connected securely to a plastic drain pipe with a rubber nipple. There is no need to use a non-return valve.
  3. Connected securely to a standpipe.
  4. Connected securely to a floor gully.

# Installation and connection

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## Electrical connection U.K.

All electrical work should be carried out by a suitably qualified and competent person, in strict accordance with national and local safety regulations.

Ensure power is not supplied to the appliance until after installation work has been carried out.

The appliance is supplied with a mains cable with moulded plug ready for connection to a 230-240V mains supply. **The voltage and connected load are given on the data plate.**

Please ensure these match the household mains supply. The fuse rating is quoted on the plug.

Connection should be made via a suitable switched socket which is easily accessible after installation.

For extra safety it is advisable to install a residual current device (RCD), with a trip current of 30 mA (in accordance with DIN VDE 0664, VDE 0100 Section 739).

Do not connect via an extension lead. Extension leads do not guarantee the required safety of the appliance (e.g. danger of overheating).



## Non-rewireable plugs BS 1363

The fuse cover must be refitted when changing the fuse, and if the fuse cover is lost, the plug must not be used until a suitable replacement is obtained. The colour of the correct replacement cover is that of the coloured insert in the base of the plug, or the colour that is embossed in words on the base of the plug (as applicable to the design of plug fitted).

Replacement fuses should be ASTA approved to BS 1362 and have the correct rating. Replacement fuses and fuse covers may be purchased from your local electrical supplier.

**WARNING: THIS APPLIANCE  
MUST BE EARTHED**

# Consumption data

	Load	Consumption data			
		Energy in kWh	Water in litres	Duration	
				Normal	Intensive
<b>Cottons Hygiene/Cottons Universal</b>					
95°C	5.0 kg	1.70	42	1 h 51 mins	2 h 06 mins
60°C <sup>1)</sup>	5.0 kg	0.85	42	–	1 h 59 mins
60°C	5.0 kg	0.85	42	1 h 30 mins	1 h 59 mins
40°C <sup>1)</sup>	5.0 kg	0.49	42	–	1 h 59 mins
40°C	5.0 kg	0.49	42	1 h 30 mins	1 h 59 mins
<b>Minimum iron</b>					
40°C <sup>1)</sup>	2.5 kg	0.44	49	–	1 h 19 mins
40°C	2.5 kg	0.44	49	1 h 04 min	1 h 19 mins
<b>Delicates</b>					
30°C	1.0 kg	0.33	65	49 mins	59 mins
<b>Silks </b>					
30°C	1.0 kg	0.24	39	36 mins	–
<b>Woolens </b>					
30°C	2.0 kg	0.22	35	39 mins	–
<b>Automatic</b>					
40°C	3.0 kg	0.30 - 0.60	30 - 50	59 mins	1 h 14 mins
<b>Quick wash</b>					
40°C	2.5 kg	0.30	30	30 mins	–
<b>Special programmes</b>					
Outer wear 40°C	2.0 kg	0.43	57	1 h 03 mins	–
Denim 40°C	1.0 kg	0.50	45	1 h 00 mins	–
Shirts 60°C	1.5 kg	0.90	55	1 h 12 mins	–

<sup>1)</sup>EN 60456 test programme

## Note for test institutes:

For testing in accordance with EN 60456 you must select the *Intensive* Extra.

Consumption data can vary from the nominal values given depending on water pressure, water hardness, water inlet temperature, room temperature, type and volume of load, fluctuations in the electricity supply and any Extras selected.

## Technical data

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Height	85.0 cm
Width	59.5 cm
Depth	58.0 cm
Depth with door open	97.5 cm
Weight	94 kg
Maximum floor load	1600 Newton (approx. 160 kg)
Capacity	5 kg dry laundry
Voltage	see data plate
Rated load	see data plate
Fuse rating	see data plate
Consumption data	see "Consumption data"
Water flow pressure minimum	100 kPa (1 bar)
Water flow pressure maximum	1000 kPa (10 bar)
Inlet hose length	1.60 m
Drain hose length	1.50 m
Connection cable length	1.60 m
Drain pump head max.	1.00 m
Drain pump length max.	5.00 m
Lamp for drum lighting	Type G4 (5 Watt/12 Volt)
Test certificates awarded	Radio / TV suppression, VDE

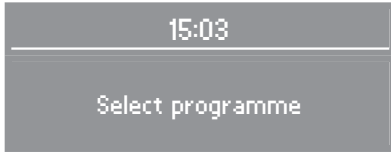
## Settings menu for changing standard settings

The Settings menu is used to alter the washing machine's electronics to suit changing requirements.  
Settings can be altered at any time.

# Settings menu 🚩

## To open the Settings menu

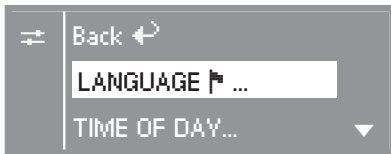
- 1 Switch on the washing machine. The main menu will appear.



- 2 After 5 seconds an additional line will appear in the display.



- 3 Press the OK button.
- 4 This will take you into the *Settings* menu.



- 5 Use the – and + buttons to select the setting you want and confirm your selection by pressing the OK button.

Important:

If you do not make a selection in the Settings menu and in its sub-menus within approx. 20 seconds, the menu display will revert to the main menu.

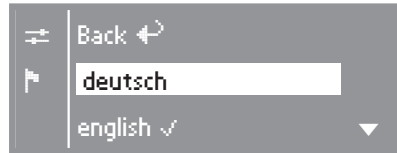
## Language 🚩

The display shows several different languages.

You can select one of the languages displayed via the Language sub-menu.

The flag after the word *Language* acts as a guide to prevent a language which will not be understood from being set.

A tick will appear beside the language to show that it has been set.



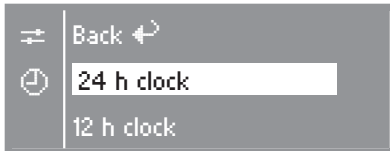
- Select the language you want and confirm your selection.

## Time of day

First select either a 24 hour or 12 hour clock.

Then set the current time of day.

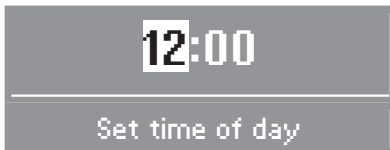
### To select a 24 hour or 12 hour clock



- Use the – and + buttons to select the clock option setting you want and confirm your selection by pressing the OK button.

The display will then switch to the time of day setting.

### To set the time of day



- Set the hour with the – and + buttons and confirm your setting by pressing the OK button. Now set the minutes. The display will return to the *Settings* menu.

## Water plus

This setting is used to select the water intake setting for the *Water plus Extra*.

There are three different options:

Water + (the machine is delivered with this option selected)

The water intake is increased in the wash and rinse stages of the programmes.

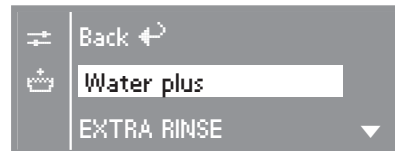
Extra rinse

An extra rinse is introduced in the *Cottons Universal*, *Minimum iron* and *Cottons Hygiene* programmes.

Water + and Extra rinse

- The water intake is increased in the wash and rinse stages and an extra rinse is also introduced in the *Cottons Universal*, *Minimum iron* and *Cottons Hygiene* programmes.

A tick will appear beside the option to show that it has been set.



Select the option you want and confirm your selection.

# Settings menu 🏠

## Gentle action 🏠

Activating gentle action reduces the drum action. Slightly soiled items are washed more gently.

Gentle action can be activated for the *Cottons Universal*, *Minimum iron* and the *Cottons Hygiene* programmes.

The washing machine is delivered with the Gentle action setting deactivated.

A tick will appear beside the option to show that it has been set.



- Select the option you want and confirm your selection.

## Suds cooling 🏠

When this is activated, additional water flows into the drum at the end of the main wash to cool the suds down. Hot suds can damage plastic drainage pipes.

Suds cooling takes place when the *Cottons Hygiene* programme is selected.

Suds cooling should be activated:

- to prevent the danger of scalding if the drain hose is hooked over the edge of a sink or basin.
- where the drainage pipes do not comply with DIN 1986.

The washing machine is delivered with Suds cooling deactivated.

A tick will appear beside the option to show that it has been set.



- Select the option you want and confirm your selection.

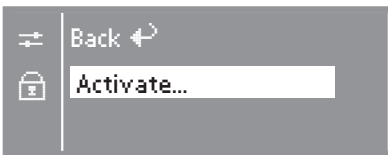


## Lock

The system lock prevents your machine being used without your knowledge.

When the system lock has been activated, you have to enter a code after switching the washing machine on. Otherwise the washing machine cannot be operated.

### To activate the lock



- Select *Activate* and confirm your selection.
- The display will now request that a code is entered. The code is **125** and cannot be altered.

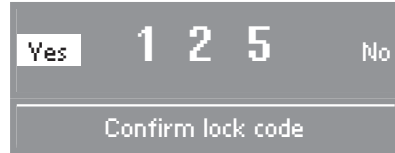
### To enter the lock code

The code is: **125**



- Use the **+** button to enter the first number. Confirm your selection of this number by pressing the OK button. Then set the second number.
- Repeat the process until all three numbers have been entered.

- After the last number has been entered, press the OK button.

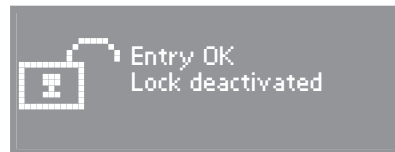


- Confirm the code with the OK button or if you want to correct a mistake, press the **-** button.
- The lock will now be activated when the washing machine is switched off.

### To unlock the washing machine

When the machine is switched on again, the display will request the lock code.

- Enter lock code 125 as described above and confirm the entry.



The washing machine is now unlocked.

### To deactivate the lock

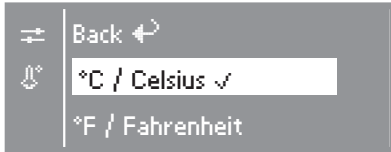
Proceed as for activating the lock.

# Settings menu 🏠

## Temperature 🌡️

You can chose for the temperature to be displayed as  
°C / Celsius or °F / Fahrenheit.

A tick will appear beside the option to show that it has been set.



- Select the option you want and confirm your selection.

## Buzzer 🔔

When the buzzer function has been activated, an audible tone sounds at the end of a programme or when Rinse hold is reached.

There are two volumes:

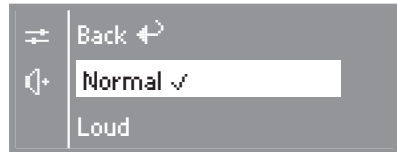
### Normal

The buzzer sounds at the end of a programme or when Rinse hold is reached.

### Loud

The buzzer sounds at maximum volume at the end of a programme or when Rinse hold is reached.

A tick will appear beside the option to show that it has been set.



- Select the option you want and confirm your selection.

## Keypad tones

An audible tone sounds each time a button is pressed.

The washing machine is delivered with the keypad tone switched off.

A tick will appear beside the option to show that it has been set.



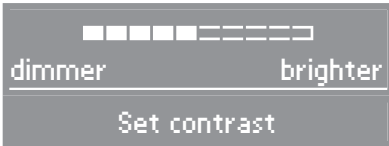
- Select the option you want and confirm your selection.

## Display contrast

There are ten different display contrast settings.

The machine is delivered with the display contrast on Setting 5.

The display contrast will change as soon as a different setting is chosen.



- Set the display contrast you require.

## Display brightness

There are ten different display brightness settings.

The machine is delivered with the display brightness on Setting 5.

The display brightness will change as soon as a different setting is chosen.



- Set the display brightness you require.

# Settings menu ▸

## Stand-by ⏻

To save energy, the display goes out after 10 minutes and the *Start/Stop* Ⓞ will start flashing slowly.

There are two options:

### On

Stand-by is activated:

- if a programme is not selected after the machine has been switched on.
- after a programme has started.
- at the end of a programme.

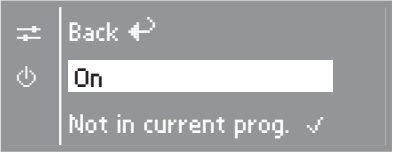
Not in current Prog. (the machine is delivered with this option selected)

Stand-by is activated:

- if a programme is not selected after the machine has been switched on.
- at the end of a programme.

Pressing one of the buttons switches the display back on again.

A tick will appear beside the option to show that it has been set.



- Select the option you want and confirm your selection.

## Memory 📄

If an Extra has been selected for a programme, or the recommended temperature or spin speed has been altered, the machine will store the changes in memory at the start of a programme.

When this programme is chosen again these settings will appear in the display.

The washing machine is delivered with the memory function deactivated.

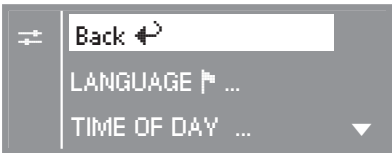
A tick will appear beside the option to show that it has been set.



- Select the option you want and confirm your selection.

### To close the Settings menu

- Select *Back* and confirm your selection.









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